Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Project Division

Name of Work: Improvements to Someshwara Hill and surrounding areas at Attur Ward No.03 in Yelahanaka Satelite Town Sub Division

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	KSRRB 200-9. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No-138, I No-18.12)								
	Basic rate	15.00							
	Area Weightage 6%	0.90							
	Total	**15.90**							
		Sqm							
	Surround Hillock and lake								
			1	90.00	25.00		2250.00		
			1	85.00	20.00		1700.00		
			1	60.00	20.00		1200.00		
							5150.00	**15.90**	**81,885.00**
2	KSRRB 300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-143), 8km lead								
	Basic rate	130.00							
	Area Weightage 6%	7.80							
	Loading and Unloding & Lead, 8KM	77.48							
	Total	**215.28**							
		Cum							
	RCC Drain								
	Someshwara								
	Hillock downstream water collection drain		1	302.00	1.50	1.30	588.90		
	Drain Lkae side to Entrance leadoff		1	166.00	1.10	1.00	182.60		
	Drain beside road		1	96.00	1.10	1.00	105.60		
	From Gazebo to Road Drain Lead off		1	50.00	1.10	1.00	55.00		
	Hillock downstream hard path		1	302.00	0.60	0.20	36.24		
	Pathway around Hillrock		1	305.00	2.20	0.30	201.30		
	Pathway at enter		1	225.00	2.80	0.30	189.00		
	Grill fencing		1	355.00	0.80	0.80	227.20		
	Compound Wall		1	265.00	0.80	0.80	169.60		
	Gate Pillars		2	1.00	1.00	1.20	2.40		
	Culvert		3	8.00	1.50	1.20	43.20		
							1801.04	**215.28**	**387727.89**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
3	KSRRB M300-19. **Removal of unserviceable soil** including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301 (P.No-144, I No-19.20)								
	Basic rate	33.00							
	Area Weightage 6%	1.98							
	Lead, 8KM	20.48							
	Total	**55.46**							
		Cum							
	Debris								
			1	150.00	3.00	1.30	585.00		
			1	100.00	2.80	1.00	280.00		
			1	85.00	2.30	1.80	351.90		
			1	130.00	3.10	1.20	483.60		
			1	195.00	3.50	1.50	1023.75		
			1	160.00	5.50	0.90	792.00		
							3516.25	**55.46**	**195011.23**
4	KSRB 2.8 : Providing and **Filling in foundation** with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. (~~P.No-222,I No~~-2.15) P-7								
	Basic rate	2429.00							
	Area Weightage 6%	145.74							
	Total	**2574.74**							
		Cum							
	Pond Centre SSM Pillar								
			1	4.00	4.00	0.30	4.80		
							4.80	**2574.74**	**12,358.75**
5	KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	Basic rate	5115.00							
	Area Weightage 6%	306.90							
	Total	**5421.90**							
		Cum							
	RCC Drain								
	Someshwara								
	Hillock downstream water collection drain		1	302.00	1.50	0.15	67.95		
	Drain Lkae side to Entrance leadoff		1	166.00	1.10	0.15	27.39		
	Drain beside road		1	96.00	1.10	0.15	15.84		
	From Gazebo to Road Drain Lead off		1	50.00	1.10	0.15	8.25		
	Hillock downstream hard path		1	302.00	0.60	0.15	27.18		
	Grill fencing		1	355.00	0.80	0.15	42.60		
	Compound Wall		1	265.00	0.80	0.15	31.80		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Gate Pillars		2	1.00	1.00	0.20	0.40		
	Drive way Pavement		1	150.00	8.00	0.15	180.00		
	Benches		20	2.20	1.50	0.15	9.90		
	Pond Centre SSM Pillar								
			1	3.00	3.00	0.20	1.80		
	Culvert		3	8.00	1.50	0.15	5.40		
							418.51	**5421.90**	**2269119.37**
6	Providing and laying plain/reinforced cement concrete for side drains using **M20 nominal mix concrete with OPC at 300 kgs**. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	Basic rate	6670.00							
	Area Weightage 6%	400.20							
	Total	**7070.20**							
		Cum							
	RCC Drain								
	Raft								
	Someshwara								
	Hillock downstream water collection drain		1	302.00	1.20	0.15	54.36		
	Drain Lkae side to Entrance leadoff		1	166.00	0.90	0.15	22.41		
	Drain beside road		1	96.00	0.90	0.15	12.96		
	From Gazebo to Road Drain Lead off		1	50.00	0.90	0.15	6.75		
	Wall								
	Someshwara								
	Hillock downstream water collection drain		2	302.00	0.15	1.00	90.60		
	Drain Lkae side to Entrance leadoff		2	166.00	0.15	0.60	29.88		
	Drain beside road		2	96.00	0.15	0.60	17.28		
	From Gazebo to Road Drain Lead off		2	50.00	0.15	0.60	9.00		
							243.24		
	Culvert Raft		3	8.00	1.20	0.20	5.76		
	Culvert Wall		6	8.00	0.23	0.60	6.62		
							12.38		
							255.62	**7070.20**	**1807312.80**
7	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. (P.No.13, I.No.4.5 of PW, P&IWTD S.R 2018-19)								
	Basic rate	5328.00							
	Area Weightage 6%	319.68							
	Total	**5647.68**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Cum							
	Gate Pillars								
	Foundation Mat		2	1.00	1.00	0.25	0.50		
	Foundation Column		2	0.60	0.60	3.80	2.74		
	Compound								
	Pillar Mat		80	0.60	0.60	0.20	5.76		
	Column		80	0.23	0.23	4.10	17.35		
	Plinth		1	240.00	0.45	0.30	32.40		
	Coping		1	240.00	0.20	0.01	0.48		
							59.23	**5647.68**	**334496.27**
8	"KSRRB M2100-12.1. Providing and constructing Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications A. Square Rubble Coursed Rubbie Masonry (first sort)" MORTH Specification No. 1405.4 (P.No.222, I.No.27.22 of PW, P&IWTD S.R 2018-19)								
	Basic rate	4354.00							
	Area Weightage 6%	261.24							
	Total	**4615.24**							
		Cum							
	Compound								
	Rubble masonry		32	2.45	0.30	2.20	51.74		
							51.74	**4615.24**	**238810.98**
9	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4(P.No.27, I.No.5.26.2 of PW, P&IWTD S.R 2018-19) with solid concrete blocks of size 400x150x200mm								
	Basic rate	924.00							
	Area Weightage 6%	55.44							
	Total	**979.44**							
		Sqm							
	Compound								
	Rubble masonry		32	2.45		0.90	70.56		
	Wall		32	4.90		2.50	392.00		
							462.56	**979.44**	**453049.77**
10	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications(P.No.116, I.No.15.16 of PW, P&IWTD S.R 2018-19)								
	Basic rate	261.00							
	Area Weightage 6%	15.66							
	Total	**276.66**							
		Sqm							
	Compound								
	Rubble masonry		64	2.45		0.90	141.12		
	Wall		64	4.90		2.50	784.00		
							925.12	**276.66**	**255943.70**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
11	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications(P.No.127, I.No.15.103 of PW, P&IWTD S.R 2018-19)								
	Basic rate	340.00							
	Area Weightage 6%	20.40							
	Total	**360.40**							
		Sqm							
	Compound								
	Rubble masonry		64	2.45		0.90	141.12		
	Wall		64	4.90		2.50	784.00		
							925.12	**360.40**	**333413.25**
12	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work (Data Rate)								
	Data rate	9144.00							
		Sqm							
	Compound								
	Over Rubble masonry		32	2.45		0.30	23.52		
	Over Wall		32	4.90		0.30	47.04		
	Grill fencing		1	355.00		2.10	745.50		
							816.06	**9144.00**	**7462052.64**
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.(~~P.No.13, I.No.4.~~5 of PW, P&IWTD S.R 2018-19) P-16, I·N 4·28								
	Basic rate	258.00							
	Area Weightage 6%	15.48							
	Total	**273.48**							
		Sqm							
	Gate Pillars								
	Foundation Mat		8	1.00		0.25	2.00		
	Foundation Column		8	0.60		3.80	18.24		
	Compound								
	Pillar Mat		320	0.60		0.20	38.40		
	Column		320	0.23		4.10	301.76		
							360.40	**273.48**	**98,562.19**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
14	KSRRB - M2300-14: **Providing TMT steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19) issue Rate 01-07-2020								
	Basic rate	62936.00							
	Area Weightage 6%	3776.16							
	Total	**66712.16**							
		Tn							
	RCC Drain								
	For Drain 60kg/cum			222.45	0.06		13.35		
	For Culvert 90kg/cum			12.38	0.09		1.11		
	For Column 90kg/cum			59.23	0.09		5.33		
	For Road 6kg/Sqm			150.00	8.00	0.006	7.20		
							26.99	**66712.16**	**1800695.16**
15	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items of work, HOM etc., complete as per specification (P.No.111, I.No.14.58 of PW, P&IWTD S.R 2018-19)								
	Basic rate	3449.00							
	Area Weightage 6%	206.94							
	Total	**3655.94**							
		Sqm							
	Gate Pillars								
	Column Dadooing		8	0.60		3.80	18.24		
							18.24	**3655.94**	**66,684.35**
16	Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification(P.No.43, I.No.7.30 of PW, P&IWTD S.R 2018-19)								
	Basic rate	128.00							
	Area Weightage 6%	7.68							
	Total	**135.68**							
		Kgs							
	Pathway for Gazebo		1	30.00	2.20		66.00		
			1	25.00	2.20		55.00		
							121.00		
	15kg/sqm						**1815.00**		
	Gazebo Truss		1	314.00			314.00		
	10kg/sqm						**3140.00**		
	Gate Entrance								
	Arch with Truss						450.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							5405.00	**135.68**	**733350.40**
17	Providing and fixing 6mm clear / opal white / solar / bronze / blue / green tinted multi wall poly carbonate sheet for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all other incidental charges etc. complete as per specification and directions of the engineer in charge of the work. (P.No.50, I.No.8.27 of PW, P&IWTD S.R 2018-19)								
	Basic rate	3126.00							
	Area Weightage 6%	187.56							
	Total	**3313.56**							
		Sqm							
	Pathway for Gazebo		1	30.00	2.50		75.00		
			1	25.00	2.50		62.50		
	Gazebo Truss, 11.5m radius		1	415.00			415.00		
							552.50	**3313.56**	**1830741.90**
18	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other. (Data Rate)								
	Basic rate	12475.00							
		Sqm							
	Gate Entrance		1	5.50		2.10	11.55		
			1	1.65		2.10	3.47		
							15.02	**12475.00**	**187312.13**
19	KSRB 5.2-3 : Providing and **constructing granite / trap / basalt size stone masonry** in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No 25., I.No.5.6).								
	Basic Rate Rs.=	4596.00							
	Add 6% A.W Rs. =	275.76							
	Total Rate Rs. =	**4871.76**							
		Cum							
	Grill fencing		1	355.00	0.60	0.60	127.80		
	Compound Wall		1	265.00	0.60	0.60	95.40		
	2nd Step								
	Grill fencing		1	355.00	0.45	0.60	95.85		
	Compound Wall		1	265.00	0.45	0.60	71.55		
	Deduct Column		-80	0.23	0.23	1.00	-4.23		
	Pond Centre SSM Pillar								
			1	2.80	2.80	2.00	15.68		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			1	2.00	2.00	6.00	24.00		
							426.05	**4871.76**	**2075603.60**
20	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., including cost of materials, labour, HOM complete as per specifications. beyond 1.50 mtrs depth upto & including 3m depth. (Page No 269., I.No.37.41.2).								
	Basic Rate Rs.=	394.00							
	Add 6% A.W Rs. =	23.64							
	Total Rate Rs. =	**417.64**							
		Cum							
	Pond Centre SSM Pillar								
			4	6.00	2.40	3.00	172.80		
			4	5.00	2.00	3.00	120.00		
			4	5.00	2.00	3.00	120.00		
							412.80	**417.64**	**172401.79**
21	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.6)								
	Basic rate	5422.00							
	Area Weightage 6%	325.32							
	Total	**5747.32**							
		Cum							
	Hillock downstream hard path		1	302.00	0.60	0.10	18.12		
	Grill fencing		1	355.00	0.45	0.10	15.98		
	For Kerb stone								
	Pathway around Hillrock		2	305.00	0.20	0.10	12.20		
	Pathway at enter		2	225.00	0.20	0.10	9.00		
	Pond Centre SSM Pillar								
			1	1.80	1.80	0.30	0.97		
							56.27	**5747.32**	**323384.45**
22	Providing and Fixing **pre cast covering Slab 100mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Data rate	2337.00							
		Sqm							
	RCC Drain								
	Someshwara								
	Hillock downstream water collection drain		1	302.00	1.20		362.40		
	Drain Lkae side to Entrance leadoff		1	166.00	0.90		149.40		
	Drain beside road		1	96.00	0.90		86.40		
	From Gazebo to Road Drain Lead off		1	50.00	0.90		45.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							643.20	**2337.00**	**1503158.40**
23	Providing and fixing **RCC precast cover slab of 250mm thick** for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data rate	5418.00							
		Sqm							
	Attur Layout								
	Culvert		3	8.00	1.20		28.80		
							28.80	**5418.00**	**156038.40**
24	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.(I No-20.5,P No-153,KPWD SR 2018-19)								
	Basic rate	1882.00							
	Area Weightage 6%	112.92							
	Total	**1994.92**							
		Cum							
	Pathway around Hillrock		1	305.00	1.80	0.20	109.80		
	Pathway at enter		1	225.00	2.40	0.20	108.00		
							217.80	**1994.92**	**434493.58**
25	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. (I No-103.7,P No-153,KPWD SR 2018-19) heavy duty cobble stones 75mm thick								
	Basic rate	1110.00							
	Area Weightage 6%	66.60							
	Total	**1176.60**							
		Sqm							
	Pathway around Hillrock		1	305.00	1.80		549.00		
	Pathway at enter		1	225.00	2.40		540.00		
							1089.00	**1176.60**	**1281317.40**
26	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)								
	Basic rate	408.00							
	Area Weightage 6%	24.48							
	Total	**432.48**							
		Nos							
	Pathway around Hillrock		2	305.00			610.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Pathway at enter		2	225.00			450.00		
	Benches		20	7.00			140.00		
							1200.00		
							2667.00	**432.48**	**1153424.16**
27	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
	Basic rate	80.00							
	Area Weightage 6%	4.80							
	Total	**84.80**							
		Sqm							
	Pathway around Hillrock		2	305.00		0.40	244.00		
	Pathway at enter		2	225.00		0.40	180.00		
	Benches		20	7.00		0.40	56.00		
							480.00	**84.80**	**40,704.00**
28	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No-112,I No-14.62)								
	Basic rate	1232.00							
	Area Weightage 6%	73.92							
	Total	**1305.92**							
		Sqm							
	Benches		20	1.80	1.50		54.00		
							54.00	**1305.92**	**70,519.68**
29	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms (Data approved rate)								
	Data rate	18200.00							
		Each							
	Benches		20				20.00		
							20.00	**18200.00**	**364000.00**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
30	Manufacturing, Providing and Fixing a Gazebo (of size 22 feet Dia-Aproximate) made of MS Round pipes of 6 inches diameter of 12 SWG for pillars 10 feet in height, in which 8 feet will be above the ground level and 2 feet embedded in cement concrete and providing with MS plate on top of the pillar. MS I section 100x50mm of heavy gauge (for rafter) in placed between the poles on the top of the flush plate. Also MS angular tube of 100x40mm are to be mounted vertically on all 8 pillars. MS angular tubes of 40x20mm reaper are welded horizontally in between the rectangle tubes for a distance of 1 feet approximately so as to get the desired octagonal shape, for fixing approved quantity corrugated Mangalore tiles on the roof (2 layer as per design) Flat design tiles and pointed with cement mortar. The Guzeboo is to be fixed on a suitable platform, the central height being 15 to16 feet and including allround bed concrete 1:4:8 and size stone masonry foundation as per the approved design, drawing, specification. The MS pipes are to be fixed with CC 1:1.5:3 and the flooring is constructed with classic Eeurocon tiles placed on cement concrete 1:4:8 and tempered with fine red earth, with cement slurry. The work includes earth work excavation, concreting, masonry work and cost of all materials, labour, equipments, machinery with all lead and lift, loading and unloading etc.., complete including two coats of approved quality special spry paint over one coat of primer and executing the work as per directions of the Engineer in charge with all lead and lift and as per the directions of the Enginner incharge (Data Rates)								
	Data rate	387925.00							
		Each							
	Gazebo		3				3.00		
							3.00	**387925.00**	**1163775.00**
31	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.(I No-19.14,P No-143)								
	Basic rate	41.00							
	Area Weightage 6%	2.46							
	Lead, 8KM	20.48							
	Total	**63.94**							
		Cum							
	Drive way Pavement		1	150.00	8.00	0.40	480.00		
							480.00	**63.94**	**30,691.20**
32	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. (P.No-176,I No-22.6.1)								
	Basic rate	4916.00							
	Area Weightage 6%	294.96							
	Total	**5210.96**							
		Cum							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Drive way Pavement		1	150.00	8.00	0.20	240.00		
							240.00	**5210.96**	**1250630.40**
33	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.6)								
	Basic rate	5422.00							
	Area Weightage 6%	325.32							
	Total	**5747.32**							
		Cum							
	For Steps		1	50.00	1.20	0.10	6.00		
							6.00	**5747.32**	**34,483.92**
34	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (P.No-27,I No-5.31.2) 10 cms thick								
	Basic rate	912.00							
	Area Weightage 6%	54.72							
	Total	**966.72**							
		Sqm							
	For Steps		150	1.20	0.50		90.00		
							90.00	**966.72**	**87,004.80**
35	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 (P.No-26,I No-5.18)								
	Basic rate	1495.00							
	Area Weightage 6%	89.70							
	Total	**1584.70**							
		Sqm							
	For Steps (All sides)		300	1.20	0.50		180.00		
			150	3.40	0.10		51.00		
							231.00	**1584.70**	**366065.70**
36	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providing two coats of enamel painting overone coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings. (P.No-44,I No-7.33)								
	Basic rate	149.00							
	Area Weightage 6%	8.94							
	Total	**157.94**							
		Kgs							
	For Steps Side		2	50.00	1.20		120.00		
	Top of Hillock		1	70.00	1.20		84.00		
							204.00		
	25kg/sqm						5100.00		
							5100.00	**157.94**	**805494.00**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
37	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (excluding foundation) as per drawing appended. 4 meters - Top 70mm and bottom 130mm dia P.13/I.4.2.2								
	Basic rate	6510.00							
		Nos							
			15					15.00	6510.00	97,650.00
38	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (excluding foundation) as per drawing appended. 7 meters - Top 70mm and bottom 130mm dia P.13/I.4.2.5								
	Basic rate	10930.00							
		Nos							
			50					50.00	10930.00	546500.00
39	Single Arm Bracket with 1500mm Standard 40/50MM dia P.16/I.4.7.2								
	Basic rate	2112.00							
		Nos							
			65					65.00	2112.00	137280.00
40	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB.LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED SourceLED Streetlight 90 Watts P.66/I.12.8.4 P-67, I.No. 18.8.4								
	Basic rate	7160.00							
		Nos							
			65					65.00	7160.00	465400.00

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
41	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG P.30/I.5.42.2								
	Basic rate	0.35							
		Sqcms							
			1	2000.00	30.00		60000.00	0.35	21,000.00
42	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm P.30/I.5.41.1								
	Basic rate	255.00							
		Nos							
			16				16.00	255.00	4,080.00
43	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics)FOUR POLE 100Amps 25kA. P.26/I.5.14.7								
	Basic rate	6400.00							
		Nos							
			2				2.00	6400.00	12,800.00
44	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40 Amps DP P.27/I.5.17.5								
	Basic rate	1336.00							
		Nos							
			4				4.00	1336.00	5,344.00
45	Supplying and Fixing of. mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.Pipe I.14.1 P-79								
	Basic rate	835.00							
		Nos							
			12				12.00	835.00	10,020.00
46	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm P.40/I.6.4.4								
	Basic rate	150.00							
		m							
			1	1650.00			1650.00	150.00	247500.00
47	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.6 sqmm to 16 sqmm P.41/I.6.5								
	Basic rate	11.88							
		m							
			1	1650.00			1650.00	11.88	19,602.00

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
48	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary) P.41/I.6.6.1								
	Basic rate	76.00							
		m							
			1	1200.00			1200.00	76.00	91,200.00
49	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm P.5/I.2.3.2								
	Basic rate	20.50							
		m							
			1	1650.00			1650.00	20.50	33,825.00
50	Providing Rcc Pole pedstal of Size 0.5x0.5x1.6 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc coplete as per the data sheet enclosed 18 pwd sr 14-15 (Data rate Electrical Dept)								
	Basic rate	4199.00							
		Nos							
			60				60.00	4199.00	251940.00
51	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia P.40/I.6.1								
	Basic rate	2999.70							
		Nos							
			2				2.00	2999.70	5,999.40
52	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure.7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.Three Phase AR (Data Rate Electrical Dept).								
	Basic rate	51500.00							
		Nos							
			1				1.00	51500.00	51,500.00
53	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.35Sqmm I.6.1 6.10.4, P-42								
	Basic rate	350.00							
		Nos							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			1				1.00	350.00	350.00
	Pipeline								
54	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. **(P. No.6/ I No 2.3 PWD SR 2018-19)**								
	Basic rate	299.00							
	Area Weightage 6%	17.94							
	Total	**316.94**							
		Cum	1	900.00	0.60	0.70	**378.00**	**316.94**	**119803.32**
55	Supplying PVC ring tight pipes conformin to IS 4980 :2000 With latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect linking at joints testing and commissoning incuding loading and un loading at both destinations and cuts of pipes wherever neccessary including joints of PVC pipes and specificals (excluding cost of pipes)with jointing of approvel type with all labour with all lead and lift incuding encasing the pipe alround to adepth of not less then 15cms with soft gravel or selected earth availble from the excavation etc.., completed and giving necessary hydralic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)(P. No.133 I No 1.4 BWSSB SR 2018-19) **63mm outer dia, 6kg/sqcm & class 5**								
		Mtr	1	900.00			**900.00**	**122.00**	**109800.00**
56	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. includingcost of all labour complete as per specifications. P. No. 70/ I No. (2.11) KPWD SR 2018-19								
	Basic rate	121.00							
	Area Weightage 6%	7.26							
	Total	**128.26**							
		Cum	1	900.00	0.60	0.70	**378.00**	**128.26**	**48482.28**
57	TEXMO, Atalanta,Suguna,CRI KIRLOSKAR AND other equipment pumps 10.00 HP/7.5Kv(30 Stage)P. No. XLII I No.31) (K.P.W.D SR 2018-19))								
	XLI	Nos	1				1.00	58466.00	58466.00
58	Providing & fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabalized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80°C including all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc. with tranching & refilling upto 1.00 meter depth including testing complete as required. (External work) Pipe in trenches including excavation & refilling etc., (P. No.98 I No 13.84.6 SR 2018-19) **50mm outer dia** 13.84.6								
	Basic rate	527.00							
	Area Weightage 6%	31.62							
	Total	**558.62**							
		Mtr	1	250.00			**250.00**	**558.62**	**139655.00**
	Toilet								
59	Earthwork excavation by manual means for foundations, either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches , stacking the excavated soil clear from edges from edges of excavation with lead upto 50m, including breaking of clods complete as per specification in hard soil .KSRB 2-3								
	(Page No. 6, Item No. - 2.3 of PW;P&IWTD S.R 2018-19)								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Footing	1	8	2.00	2.00	1.65	212.36		
	Foundation	1	2	5.60	0.90	1.20	12.10		
		1	2	5.55	0.90	1.20	11.99		
							236.44	**322.92**	**76,352.00**
	Rate Analysis	Cum							
	Basic Rate	**299.00**							
	Area Weightage	**8.00%**							
		322.92							
60	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS								
	(Page No. 7, Item No. - 2.15 of PW;P&IWTD S.R 2018-19)								
	Footing	1	8	2.00	2.00	0.30	9.60		
							9.60	**2623.32**	**25,184.00**
	Rate Analysis	Cum							
	Basic Rate	**2429.00**							
	Area Weightage	**8.00%**							
		2623.32							
61	Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, Surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7								
	(Page No. 10, Item No. - 3.2 of PW;P&IWTD S.R 2018-19)								
	Floor Area	1	1	5.60	5.55		31.08		
							31.08	**114.48**	**3,558.00**
	Rate Analysis	Sqm							
	Basic Rate	**106.00**							
	Area Weightage	**8.00%**							
		114.48							
62	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2								
	(Page No. 13, Item No. - 4.3 of PW;P&IWTD S.R 2018-19)								
	Footing	1	8	2.00	2.00	0.15	4.80		
	Foundation	1	2	5.60	0.90	0.15	1.51		
		1	2	5.55	0.90	0.15	1.50		
	Floor Area	1	1	5.60	5.55	0.15	4.66		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	PCC						12.47	5510.16	68,725.00
	Rate Analysis	Cum							
	Basic Rate	5102.00							
	Area Weightage	8.00%							
		5510.16							
63	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	(Page No. 25, Item No. - 5.6 of PW;P&IWTD S.R 2018-19)								
	1st Step	Cum							
	Foundation								
	Foundation	1	2	5.60	0.70	0.45	3.53		
		1	2	5.55	0.70	0.45	3.50		
	2nd Step								
	Foundation	1	2	5.60	0.45	0.23	1.16		
		1	2	5.55	0.45	0.23	1.15		
							9.33	4963.68	46,324.00
	Rate Analysis								
	Basic Rate	4596.00							
	Area Weightage	8.00%							
		4963.68							
64	KSRB 4.1.6 : Providing and laying in position reinforced cement concrete of design mix M15 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets,coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6								
	(P No. 13, I No. - 4.6 of PW;P&IWTD SR 2018-19)								
		Cum							
	Foundation	1	2	5.60	0.45	0.10	0.50		
		1	2	5.55	0.45	0.10	0.50		
	Floor Concrete								
	Floor Area	1	1	5.60	5.55	0.10	3.11		
							4.11	5855.76	24,076.00
	Rate Analysis								
	Basic Rate	5422.00							
	Area Weightage	8.00%							
		5855.76							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
65	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	(P.No.14, I.No.4.11 of PW, P&IWTD SR2018-19)								
	Footing Raft	1	8	1.50	1.50	0.30	5.40		
	Column Upto Plinth	1	8	0.20	0.40	0.90	0.58		
							5.98	**6111.72**	**36,524.00**
	Rate Analysis	Cum							
	Basic Rate	**5659.00**							
	Area Weightage	**8.00%**							
		6111.72							
66	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	(P.No.14, I.No.4.13 of PW, P&IWTD SR2018-19)								
	Plinth Beam Concrete	1	1	22.30	0.20	0.30	1.34		
	Columns	1	8	0.20	0.40	2.90	1.86		
	Roof Beam	1	1	22.30	0.20	0.25	1.12		
		1	1	5.60	0.20	0.25	0.28		
	Roof Slab	1	1	5.90	5.85	0.15	5.18		
							9.77	**6363.36**	**62,146.00**
	Rate Analysis	Cum							
	Basic Rate	**5892.00**							
	Area Weightage	**8.00%**							
		6363.36							
67	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2								
	(P.No.15, I.No.4.28 of PW, P&IWTD SR2018-19)								
	Footing Raft	1	8	6.00	0.30		14.40		
	Column Upto Plinth	1	8	1.20	0.90		8.64		
							23.04	**278.64**	**6,420.00**
	Rate Analysis	Sqm							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basic Rate	258.00							
	Area Weightage	8.00%							
		278.64							
68	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	(P.No.17, I.No.4.36 of PW, P&IWTD SR2018-19)								
	Plinth Beam Concrete	1	2	22.30	0.30		13.38		
	Roof Beam	1	2	22.30	0.25		11.15		
		1	2	5.60	0.25		2.80		
	Roof Slab	1	1	5.90	5.85		34.52		
	Slab Edges	1	1	23.50	0.15		3.53		
							65.37	**815.40**	**53,303.00**
	Rate Analysis	Sq-m							
	Basic Rate	755.00							
	Area Weightage	8.00%							
		815.40							
69	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. P-27								
	(P.No.25, I.No.5.27.2 of PW, P&IWTD SR2018-19)								
	Walls	1	3	5.60		3.00	50.40		
		1	2	5.55		3.00	33.30		
		1	1	5.60		3.00	16.80		
		1	1	2.40		3.00	7.20		
	Parapet wall								
		1	2	5.60		0.90	10.08		
		1	2	5.55		0.90	9.99		
	Deductions								
	Door	1	-2	1.20		2.10	-5.04		
	Ventilater	1	-6	1.00		0.60	-3.60		
	Door 1	1	-4	0.90		2.10	-7.56		
	Steps								
		1	2	1.50		0.15	0.45		
		1	2	1.50		0.30	0.90		
		1	2	1.50		0.45	1.35		
							114.27	**1029.24**	**117,611.00**
	Rate Analysis	Sqm							
	Basic Rate	953.00							
	Area Weightage	8.00%							
		1029.24							